



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H110979

Mode: Highway

Status: Submitted

NC-132 (South College Road)

From/Cross Street: US 17 Business (Market Street)

Specific Improvement Type: 11 - Access Management

To: Randall Parkway

Project Category: Statewide Mobility

Length: 1.15

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$5,814,000

Description:

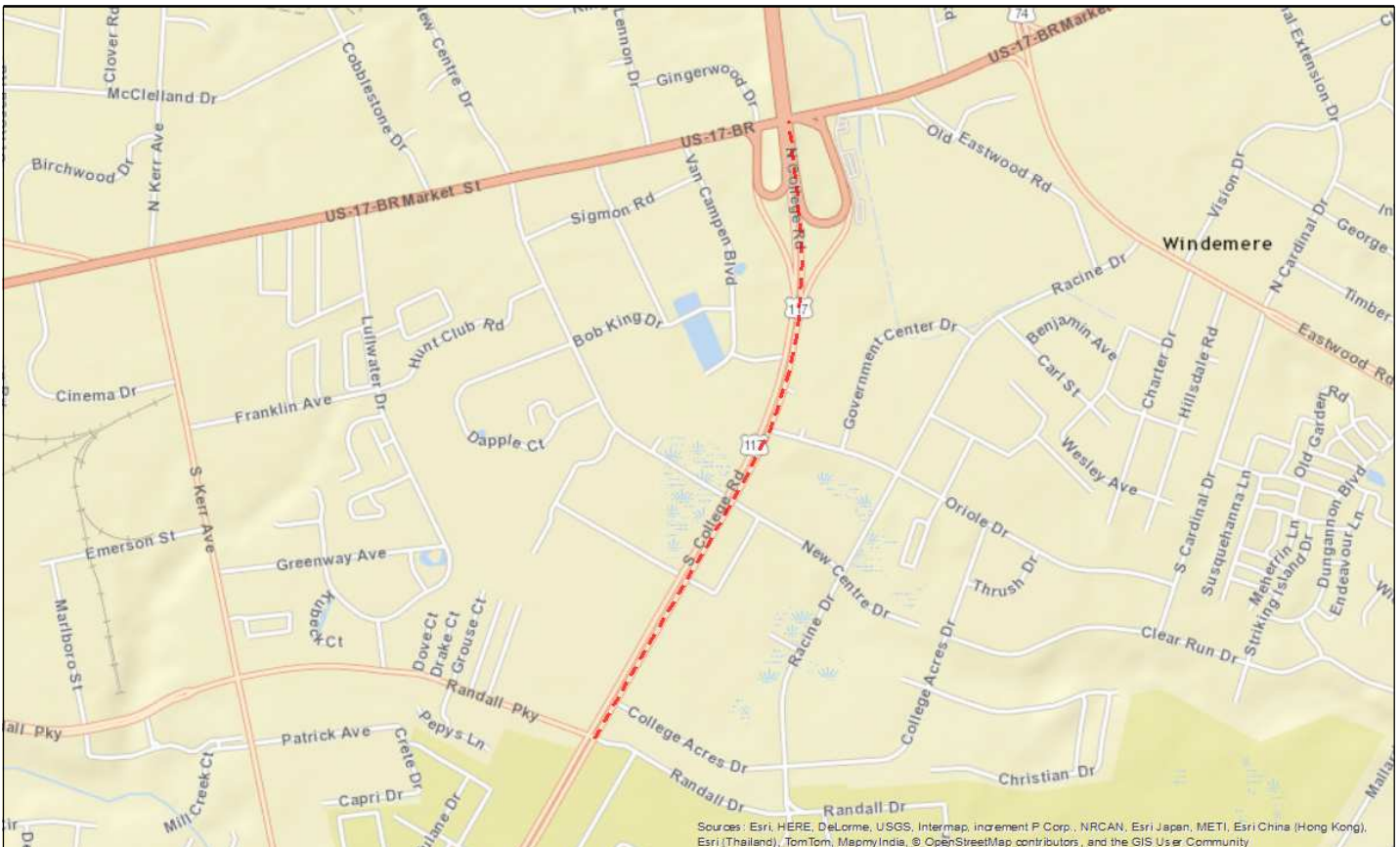
Upgrade Roadway, Add Bicycle Lanes and Sidewalks.

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 37.8

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 74.14 Safety (10%) 76.63 Economic Competitiveness (10%) 2.83 Multimodal + [Freight & Military] (20%) 28.76 [Travel Time] Benefit/Cost (30%) 6.21	N/A	N/A
Totals: Weight: 100% Weighted Score: 37.8		

Regional Impact Total Score: 57.59

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 76.63 Multimodal + [Freight & Military] (25%) 28.76 [Travel Time] Benefit/Cost (20%) 6.21	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 27.59		

Division Needs Total Score: 83.03

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 74.14 Safety (20%) 76.63 Multimodal + [Freight & Military] (10%) 28.76	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 33.03		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.15
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	44651.37
Capacity:	47600
Volume/Capacity Ratio:	0.94
% Autos:	98%
% Trucks:	2%
Truck Volume:	1061.18
Crash Density:	87.74
Crash Severity:	66.58
Critical Crash Rate:	75.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	15
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	70
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	1.15
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	1625127.63
Travel Time Savings for 30 Years (Autos):	1586505.09
Travel Time Savings for 30 Years (Trucks):	38622.54
Long-Term Employment:	24
% Change in Economy:	3.26E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$5,814,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$5,814,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,814,000	